Web Programming with Python and JavaScript

Testing and CI/CD

Testing

assent

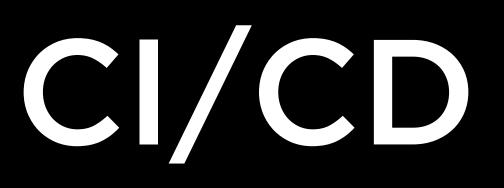
unittest

unittest Methods

- assertEqual
- assertNotEqual
- assertTrue
- assertFalse
- assertIn
- assertNotIn
- • •

Django Testing

Browser Testing



 Continuous Integration Frequent merges to main branch Automated unit testing Continuous Delivery Short release cycles

GitHub Actions



key3:

key1: value1 key2: value2

- item1 - item2 - item3

Docker

	CONTAINER	
Арр А	Арр В	Арр С
Bins/Libs	Bins/Libs	Bins/Libs
Docker		
Host OS		
Infrastructure		

VM			
Арр В	Арр С		
Bins/Libs	Bins/Libs		
Guest OS	Guest OS		
Hypervisor			
Infrastructure			
	App B Bins/Libs Guest OS Hypervisor		

Source: https://docs.docker.com



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